

## Chapter 7 Cell Structure and Function

## Section Review 7-3

### Reviewing Key Concepts

**Short Answer** *On the lines provided, answer the following questions.*

1. What are two functions of the cell membrane?

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2. What happens to a higher concentration of dissolved molecules on one side of a cell membrane during the process of diffusion?

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3. What is osmosis?

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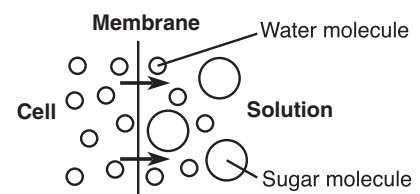
**Completion** *On the lines provided, complete the following sentences.*

4. During the process of \_\_\_\_\_, a molecule such as glucose must use a protein channel to cross through a cell membrane.
5. For a molecule to move from an area of low concentration to high concentration, the process of \_\_\_\_\_ must occur.

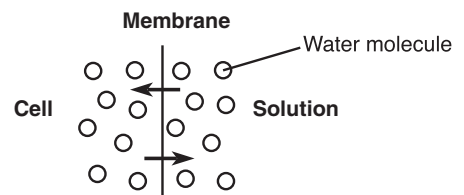
### Reviewing Key Skills

**Interpreting Graphics** *On the lines provided, identify each diagram as showing an isotonic, a hypotonic, or a hypertonic solution inside the cell and describe how the concentration of water molecules will affect the shape of the cell.*

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7. \_\_\_\_\_
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8. \_\_\_\_\_
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